

REMARKS/ARGUMENTS

Reconsideration of the application is respectfully requested for the following reasons:

Rejection of Claims 1-10 Under 35 U.S.C. §112, second paragraph

In response to this rejection, Applicant has amended claim 1 to meet the requirement of 35 U.S.C. § 112, second paragraph. Reconsideration of claims 1-10 is respectfully requested.

Rejection of Claims 1-20 Under 35 U.S.C. §103(a)

Claims 1-20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Kwon (US 2003/0025163 A1) in view of Murphy et al.(US 6,541,343) and Wieczorek et al. (US 6,274,894).

This rejection is respectfully traversed since the combination of Kwon, Murphy et al. and Wieczorek et al. does not disclose every element of the claimed invention.

Particularly, the combination of Kwon, Murphy et al. and Wieczorek et al. fails to at least teach the step of "tilting and implanting said semiconductor substrate with a predetermined angle to form a pocket region on the interface of the lightly doped drain region, said source and drain regions and said semiconductor substrate and under said lightly doped drain region without surrounding said lightly doped drain region, wherein a dosage of said pocket region is less than that of said lightly doped drain region." According to 2143.03 All Claim Limitations Must Be Taught or Suggested, to establish *prima facie* obviousness of a claimed invention, all the claim limitations must be

taught or suggested by the prior art. *In re Royka*, 490 F.2d 981, 180 USPQ 580 (CCPA 1974). "All words in a claim must be considered in judging the patentability of that claim against the prior art." *In re Wilson*, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970). If an independent claim is nonobvious under 35 U.S.C. 103, then any claim depending therefrom is nonobvious. *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988).

As described in the previous response, the combination of Kwon and Murphy et al. does not disclose every element of the claimed invention. Moreover, the newly cited art of Wieczorek et al., also fails to disclose the feature which the combination of Kwon and Murphy et al. fails to teach since Wieczorek et al. merely discloses halo regions 36 with more heavily dosage than that of the LDD regions 18 at the channel ends. Furthermore, the halo regions 36 of Wieczorek et al. are at the channel ends surrounding the LDD regions 18 and extend to the gate dielectric 12. Therefore, the combination of Kwon, Murphy et al. and Wieczorek et al. fails to disclose every element recited in claims 1 and 11 of the present application and therefore are allowable.

As claims 2-10 depend from claim 1, and claims 12-20 depend from claim 11, Applicants submit that each of these claims incorporates the patentable aspects therein, and are therefore allowable for at least the reasons set forth above with respect to the independent claims, as well as for the additional subject matter recited therein.

Accordingly, Applicants respectfully request withdrawal of the rejection.

Conclusion

In light of the above remarks, Applicants contend that Claims 1-20 are patentable. The claims are in condition for favorable consideration and Applicants respectfully request that a timely Notice of Allowance be issued in this case.

If for any reason, the Examiner determines that the application is not now in condition for allowance, it is respectfully requested that the Examiner contact the Applicants' undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this application.

In the event this paper has not been timely filed, the Applicants respectfully petition for an appropriate extension of time. Any fees for such an extension, together with any additional fees that may be due with respect to this paper, may be charged to counsel's Deposit Account No. 01-2300 referencing Attorney Docket Number 025796-00013.

Respectfully submitted,



Sam Huang
Attorney for Applicants
Registration No. 48,430

Customer No. 004372

AREN'T FOX PLLC

1050 Connecticut Avenue, N.W., Suite 400
Washington, D.C. 20036-5339

Tel: (202) 857-6000

Fax: (202) 638-4810

SH:ksm